

RS-8410



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**POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 1 - SITE INFORMATION AND ASSESSMENT**

I. IDENTIFICATION

01 STATE **IL** 02 SITE NUMBER **New Site**

II. SITE NAME AND LOCATION

01: SITE NAME (Legal, Common, or descriptive name of site)

Exemption 6 - Non-Responsive

Residence AKA Palmer Square

02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER

3071 West Palmer Sq

03 CITY

Chicago

04 STATE

05 ZIP CODE

06 COUNTY

07 COUNTY CODE

08 CONG DIST

IL

60647

Cook

031

8

09 COORDINATES LATITUDE

LONGITUDE

41 55 15.0

082 42 15.0

Chicago Loop (318)

10 DIRECTIONS TO SITE (Starting from nearest public road)

See Attached Map

III. RESPONSIBLE PARTIES

01 OWNER

Exemption 6 - Non-Responsive

02 STREET (Business, mailing, residential)

3071 West Palmer Sq

03 CITY

Chicago

04 STATE

05 ZIP CODE

06 TELEPHONE NUMBER

IL

60647

(312) 486-3747

07 OPERATOR (If known and different from owner)

Same

08 STREET (Business, mailing, residential)

09 CITY

10 STATE

11 ZIP CODE

12 TELEPHONE NUMBER

IL

60647

()

13 TYPE OF OWNERSHIP (Check one)

☒ A. PRIVATE ☐ B. FEDERAL

(Agency name)

☐ C. STATE

☐ D. COUNTY

☐ E. MUNICIPAL

☐ F. OTHER

(Specify)

☐ G. UNKNOWN

14. OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)

☐ A. RCRA 3001 DATE RECEIVED: _____
MONTH DAY YEAR

☐ B. UNCONTROLLED WASTE SITE (CERCLA 103 c) DATE RECEIVED: _____
MONTH DAY YEAR

☒ C. NONE

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION

☐ YES

DATE _____
MONTH DAY YEAR

☒ NO

BY (Check all that apply)

☐ A. EPA

☐ B. EPA CONTRACTOR

☐ C. STATE

☐ D. OTHER CONTRACTOR

☐ E. LOCAL HEALTH OFFICIAL ☐ F. OTHER

(Specify)

CONTRACTOR NAME(S): _____

02 SITE STATUS (Check one)

☒ A. ACTIVE

☐ B. INACTIVE

☐ C. UNKNOWN

03 YEARS OF OPERATION

BEGINNING YEAR

ENDING YEAR

☒ UNKNOWN

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED

Heavy Metals (Toxic, Persistent)

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION

Direct Contact (Population)

V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one if high or medium is checked, complete Part 2: Waste Information and Part 3: Description of Hazardous Conditions and Incidents)

☒ A. HIGH

(Inspection required promptly)

☐ B. MEDIUM

(Inspection required)

☐ C. LOW

(Inspect on time available basis)

☐ D. NONE

(No further action needed, complete current disposition form)

VI. INFORMATION AVAILABLE FROM

01 CONTACT

Marilyn Katz

02 OF (Agency/Organization)

Health & Medicine Research

03 TELEPHONE NUMBER

(312) 372-6475

04 PERSON RESPONSIBLE FOR ASSESSMENT

Richard Lange

05 AGENCY

IEPA

06 ORGANIZATION

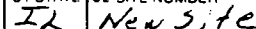
DLPC

07 TELEPHONE NUMBER

(217) 782-9851

08 DATE

1/31/85
MONTH DAY YEAR



I HIGHLY VOLATILE
J EXPLOSIVE
K REACTIVE
L INCOMPATIBLE
M NOT APPLICABLE



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

D1 STATE IL D2 SITE NUMBER New Site

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☒ A GROUNDWATER CONTAMINATION NA 02 ☐ OBSERVED (DATE _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED _____ 04 NARRATIVE DESCRIPTION

Lead contaminated soil, percolation of lead through soil profile possible

01 ☐ B SURFACE WATER CONTAMINATION _____ 02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED _____ 04 NARRATIVE DESCRIPTION

01 ☐ C CONTAMINATION OF AIR _____ 02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED _____ 04 NARRATIVE DESCRIPTION

01 ☐ D FIRE EXPLOSIVE CONDITIONS _____ 02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED _____ 04 NARRATIVE DESCRIPTION

01 ☒ E DIRECT CONTACT ND 02 ☐ OBSERVED (DATE _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED _____ 04 NARRATIVE DESCRIPTION

13 schools within 1 mile radius of house, site in private residence

01 ☒ F CONTAMINATION OF SOIL < 1 02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☒ ALLEGED
03 AREA POTENTIALLY AFFECTED _____ (Acres) 04 NARRATIVE DESCRIPTION

soil samples collected by citizens group indicates lead contamination at 1400ppm in vegetable garden and 3200ppm in flower bed

01 ☐ G DRINKING WATER CONTAMINATION _____ 02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED _____ 04 NARRATIVE DESCRIPTION

01 ☐ H WORKER EXPOSURE/INJURY _____ 02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
03 WORKERS POTENTIALLY AFFECTED _____ 04 NARRATIVE DESCRIPTION

01 ☒ I POPULATION EXPOSURE/INJURY ND 02 ☐ OBSERVED (DATE _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED _____ 04 NARRATIVE DESCRIPTION

See E above



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

IL New Site

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE _____)

☐ POTENTIAL

☐ ALLEGED

01 ☐ K. DAMAGE TO FAUNA
04 NARRATIVE DESCRIPTION (include name(s) of species)

02 ☐ OBSERVED (DATE _____)

☐ POTENTIAL

☐ ALLEGED

01 ☒ L. CONTAMINATION OF FOOD CHAIN
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE _____)

☒ POTENTIAL

☐ ALLEGED

Translocation of lead to vegetables for home consumption, particular problem in leafy varieties spinach, etc.

01 ☐ M. UNSTABLE CONTAINMENT OF WASTES

(Spills, leaks, standing liquids, leaking drums)

03 POPULATION POTENTIALLY AFFECTED _____

02 ☐ OBSERVED (DATE _____)

☐ POTENTIAL

☐ ALLEGED

04 NARRATIVE DESCRIPTION

01 ☐ N. DAMAGE TO OFFSITE PROPERTY
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE _____)

☐ POTENTIAL

☐ ALLEGED

01 ☒ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE _____)

☒ POTENTIAL

☐ ALLEGED

Surface run off to city storm sewers

01 ☐ P. ILLEGAL/UNAUTHORIZED DUMPING
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE _____)

☐ POTENTIAL

☐ ALLEGED

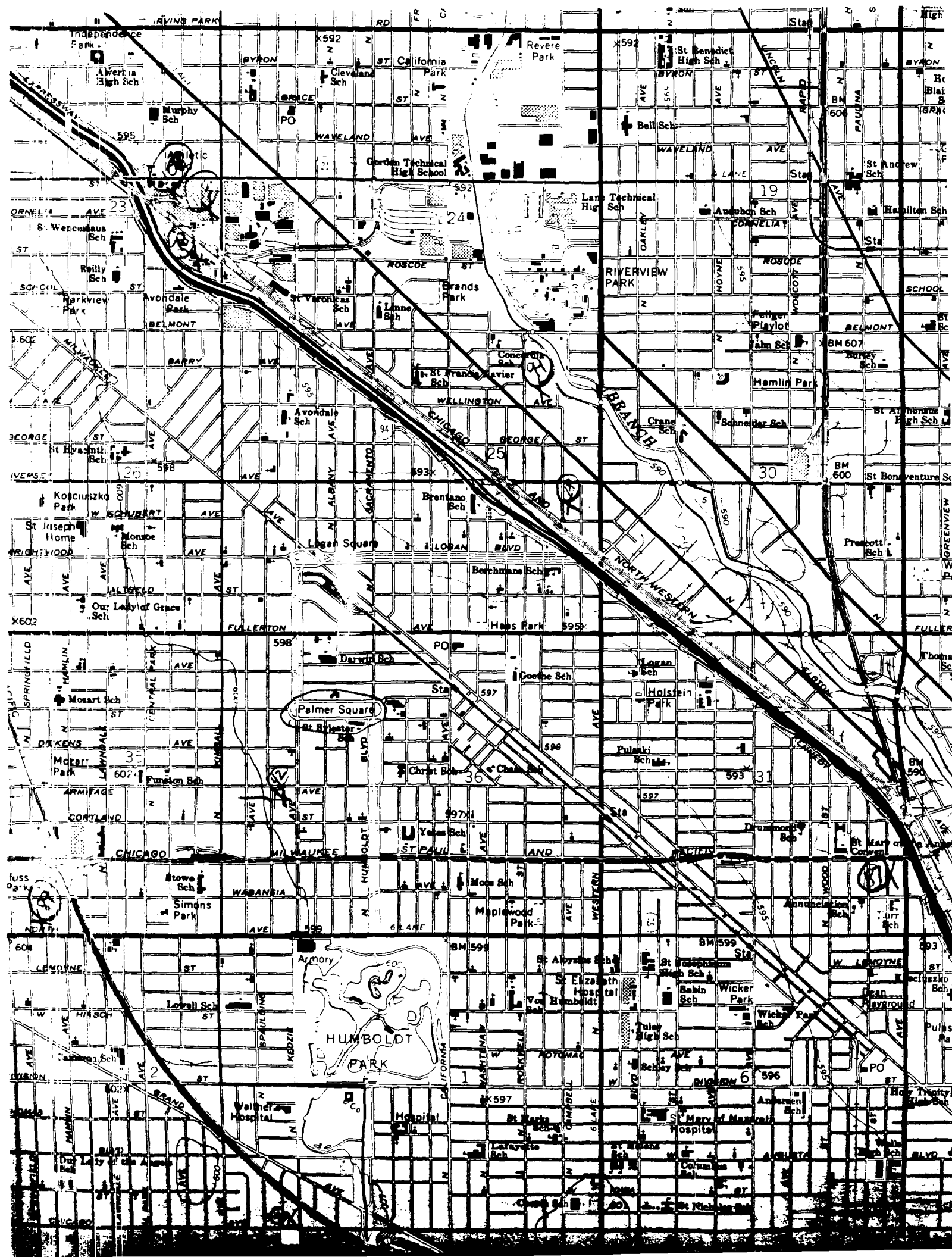
05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

III. TOTAL POPULATION POTENTIALLY AFFECTED: ND

IV. COMMENTS

V. SOURCES OF INFORMATION (See specific references e.g. state files, sample analysis, reports)

USEPA Region #5 & Health and Medicine Research



EXECUTIVE SUMMARY

Exemption 6 - Non-Responsive

The [redacted] residence, AKA Palmer Square Site, is a private family residence located at 3071 W. Palmer Square. This location was sampled as part of an effort by the Coalition to Ban Leaded Gasoline in the summer of 1984. The samples were taken here to gain what the group felt would be background levels.

There has been no known waste disposal in the area of this residence to explain levels detected. Aerial sources must be suspected as the cause of contamination at this site.

A high priority has been assigned to this site so as to keep it in close companionship with similar assessments completed on sites in the Chicago Park District. The sampling techniques used by the Coalition to Ban Leaded Gasoline were questionable, at best, and sampling by qualified technicians and subsequent analyses should take place at the first opportunity. Sampling should take place with cognizance of the high lead levels found in the immediate vicinity of streets and roof drainage.

RL:tk/25